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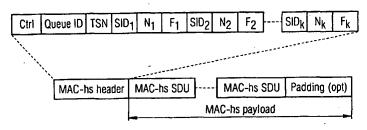
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(54) Title: DATA TRANSMISSION SYSTEM



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١	S	NSNRI	Qid	N	TSN	:	TSN	:	Qid	N	TSN	• • •	TSN
Ì	1	3	3	1	3		3	:					

0: No SNRI-list follows S:

1: SNRI-list follows

Count of priority classes, for which entries are present. **NSNRI**

Priority class to which the SNI list refers Qid:

Number of TSNs that follow N:

TSN of a MAC-hs PDU, which ist still under retransmission TSN:

(57) Abstract: In order to minimize the overall delay when transmitting data via the HS-DSCH in UMTS, provisions should be made that an RLC entity on the UE side receives RLC PDUs carried by the HS-DSCH as early as possible from the MAC-hs layer, while at the same time keeping the right sequence of these RLC PDUs. In accordance with the present invention, the scheduler in Node B is allowed to send a list of TSNs of MAC-hs PDUs which are still under retransmission to the receiver, such as a mobile station. Such a list may also be sent for MAC-hs PDUs for which the transmission was aborted but a new transmission is intended. Advantageously, this may allow to avoid "useless gaps" in a reordering buffer of the receiver and, as such, may allow for an efficient data transmission.







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